



City of Conover Fire Marshal's Office

PO Box 549, Conover NC 28613

828-695-2871

SPECIAL USE PERMIT APPLICATION BLASTING/EXPLOSIVE MATERIALS APPLICATION

In accordance with the provisions of the North Carolina State Fire Prevention Code, a blasting permit must be obtained before a person is authorized to conduct any blasting or to use any explosive for the purpose of demolishing of a structure or blasting out rock, gravel, earth, Trees, or any other substance or material.

Date of Application ____ / ____ / ____

Property Owners Permission: () Yes () No

Applicant _____

Point of Contact _____ Contact Phone Number _____

Mailing Address _____

City _____ State _____ Zip _____

Contact Email _____

Blast Site Location _____

Beginning Date ____ / ____ / ____ Ending Date ____ / ____ / ____ PERMIT

REQUIREMENTS

This application must be completed and returned to the Conover Fire Marshal's Office, prior to the issuance of the permit. It is the applicant's responsibility to ensure that all conditions are in accordance with applicable North Carolina State and Local Fire Regulations. A site inspection shall be conducted by the Fire Marshal's Office to verify compliance. No explosive shall be stored on site without prior approval. Storage of explosive materials on site shall comply with NC State Fire Code and NFPA 495. No charges shall be detonated prior to the initial inspection by the Iredell County Marshal's Office

Liability Insurance Required

Before a permit is issued, the applicant must file with the jurisdiction a corporate surety bond in the principal sum of \$1,000,000 or a public liability insurance policy for the same amount for the purpose of the payment of all damages to persons or property which arise from, or are caused by the conduct of any act authorized by the permit upon which any judicial judgment results.

Conditions of Permit

This application shall be accompanied by the following information, unless otherwise specifically modified by the Fire Marshal or his/her designee:

- A legible sketch of the blast site showing the measured distances to adjacent buildings, streets, utilities, wells, and other facilities shall be provided.
- The quantity and type of explosives to be used
- The proposed placement of seismograph to exposed structures or services
- A safety plan to include traffic control, barricading, signage plan, and adverse weather operation plan as needed.
- A copy of the permit is required to be on the premises at all times.
- Contact the Catawba County Emergency Communications at (828) 464-3112 before the beginning of blasting each day.
- A Stop order may be issued for seismic readings above the limits of NFPA 495, and for failure to comply with conditions of the permit.

- This permit shall not be transferable whether by operation of law or otherwise, either from one location to another or from one person to another.
- Whenever blasting is being conducted in the vicinity of gas, electric, water, telephone utilities, the blaster shall notify the appropriate representative of such utilities at least 24 hours in advance of blasting specifying the location and intended time of such blasting.
- The hours of detonation shall be limited to daylight hours, no earlier than 8:00 a.m. or later than 5:00 p.m., Monday through Friday, except by special exception authorized by the FMO.

• **Blasting mats are required when blasting operations are conducted near structures that can be damaged by flying debris.**

- The person in charge of the handling and use of the explosives must be at least twenty-one (21) years of age and be in possession of a valid explosives permit from the FMO.
- All persons conducting the blasting operation shall provide proof of training.
- Persons eighteen (18) years of age and older may use and handle the explosives provided they are under the direct supervision of the person who possesses the permit.
- Persons handling or using explosives shall not be under the influence of intoxicants or narcotics.
- Smoking products, flame or spark-producing devices shall not be possessed or used within fifty feet (50') of where explosives are being used or stored.
 - Signage warning of the use of explosives and the prohibition of radio usage shall be clearly posted on all roads within 350 feet (350') of areas where blasting is to occur if needed.
- All electrical blasting circuits shall remain shunted until connected for firing.
- All blasting operations shall cease and all persons shall be removed from the blasting area upon the approach and duration of a thunderstorm.
- **Warning signals** shall be given at two (2) and one (1) minute intervals prior to the detonation of explosives.
- An **All Clear signal** shall be given after the inspection of the blast area.
- All blast sites shall be secure from time of loading until the post blast inspection.
- The area around a misfire shall be secured and the unfired charge reloaded and shot again.
- All unused blasting materials shall be collected and removed from the site.
- An end of line cap indicator shall be identified and installed.
- Any person detonating explosives shall first notify the Catawba County Emergency Communications Center (828) 464-3112 that a blast is planned.
- The person detonating the explosives shall give a 24 hour notice to each property owner that is located within 500 feet of the proposed blasting location.
- Any other studies or information deemed necessary by the Conover Fire Marshal's Office which may include, but is not limited to:
 - 1) A pre-blast assessment, prepared by a geotechnical engineer or other blasting professional, which would assess the potential for damage to adjacent structures and facilities.
 - 2) A pre-blast inspection of all structures and facilities located within 500 feet of the proposed blast location. As part of the inspection, the structures and facilities would be videotaped and/or digitally photographed to document any pre-existing damage so that any claims for post-blast damages could be compared to the pre-blast inspection report.

Note: City of Conover shall not be responsible for any injuries or damages to property by reason of issuance of a permit or inspections made thereto.

Certification and Signature

I hereby certify that I have read and examined this application and that all of the information contained therein is true and correct. Furthermore, I certify that the proposed blasting operations will fully comply with the requirements contained in The North Carolina State Fire Prevention Code and NFPA 495. I agree to indemnify, save harmless, and defend the City of Conover, its agents and employees, from all claims, damages, costs, expenses, and charges, including attorney's fees, which arise out of or by reason of these blasting operations. These answers have been given to the best of my ability and knowledge. I hereby understand that any answers deliberately falsified or misrepresented shall be justification for revocation of permit and subject to fines.

Signature

Print Name

Date